Chemical Society Reviews 1997 Indexes

Volume 26

Index of Authors

Armstrong, Fraser A., 169 Aubé, Jeffrey, 269 Behr, Jean-Paul 63 Bernasconi, Claude F., 299 Boyall, Dean, 223 Brady, Paul A., 327 Bruce, James E., 191 Catallo, W. James, 401 Chivers, Tristram, 345 Cooper, D. L., 87 Covington, Anthony D., 111 Davies, Malonne I., 215 Delaloge, Francette, 377 Doig, Andrew J., 425 Doronina, Svetlana O., 63 Evans, John, 11 Galema, Saskia A., 233 Gerratt, J., 87 Haaima, Gerald, 73 Hao, Zhimin, 203 Harris, Kenneth D. M., 279

Hayashi, Takashi, 355 Heering, Hendrik A., 169 Higgins, Simon, 247 Hill, Steve J., 291 Hirst, Judy, 169 Hodge, Philip, 417 Holland, Koren, A., 337 Homsi, Fadi, 453 Hynes, Michael J., 133 Iqbal, Abul, 203 Jiang, Jianzhuang, 423 Jones, Anthony C., 101 Jonson, Bo, 133 Junk, Thomas, 401 Karadakov, P. B., 87 Kim, Sanghee, 387 Křen, Vladimír, 463 Lei, Q. Paula, 191 Lewerenz, H. J., 239 Longridge, John J., 53 Lunte, Craig E., 215

McGarvey, Glenn J., 407 Maier, John P., 21 Mason, Stephen F., 29 Mason, Timothy, J., 443 Mathew, Jessy, 127 Morris, Russell E., 309 Mortimer, Roger J., 147 Murray-Rust, Peter, 1 Nair, Vijay, 127 Ng, Dennis K. P., 433 Ng, Sheila B. L., 425 Nielsen, Peter E., 73 Ogoshi, Hisanobu, 355 Ohtaki, Hitoshi, 41 Ojima, Iwao, 377 Owen, John R., 259 Piers, Warren E., 345 Prabhakaran, Jaya, 127 Radnai, Tamas, 41 Raimondi, M., 87 Rawson, Jeremy M., 53

Reid, Katharine L., 223 Reynolds, Kevin A., 337 Rousseau, Gérard, 453 Rzepa, Henry S., 1 Sanders, Jeremy K. M., 327 Simonsson, Daniel, 181 Smith, Richard D., 191 Snook, Richard, 319 Takayama, Shuichi, 407 Thiem, Joachim, 463 Utley, James, 157 Wadsö, Ingemar, 79 Ward, Michael D., 365 Weigel, Scott J., 309 Whitaker, Benjamin J., 1 Winkler, Jeffrey, 387 Wong, Chi-Huey, 407 Wu, Qinyuan, 191 Yamaguchi, Toshio, 41

Index of Titles

Benjamin J. Whitaker	1001 Feter Murray-Russ, frem y S. Rzepa anu
Shining light on metal catalysts John Evans	
Electronic spectroscopy of carbon chains Jol	hn P. Maier

21–28

The science and humanism	of Linus Pauling (1901–1994)	Stephen F. Maso

29-40

1-10 11-20

Structure of water under	subcritical and	supercritical	conditions	studied by	solution X-ray	diffraction

41–52 53–62

63 - 72

73-78

87-100

101-110

IIIIUSIII U	man,	Lamas	Nauma	ii anc	LUSINU	Lamaguem	
Sulfur nit	rogen (haine r	ational	and i	rrational	behaviour	Iorem

Towards a general triple helix mediated DNA recognition scheme

Jeremy M. Rawson and John J. Longridge
theme Svetlana O. Doronina and Jean-Paul Behr

Peptide nucleic acid. A DNA mimic with a pseudopeptide backbone

Peter E. Nielsen and Gerald Haaima

Trends in isothermal microcalorimetry Ingemar Wadsö

79–86

Developments in metalorganic precursors for semiconductor growth from the vapour phase

Modern valence bond theory

The World Wide Wah as a showing information tool

Anthony C. Jones

Modern tanning chemistry Anthony D. Covington

111-126

Carbon-carbon bond-forming reactions mediated by cerium(IV) reagents

Vijay Nair, Jessy Mathew and

Jaya Prabhakaran Lead, glass and the environment Michael J. Hynes and Bo Jonson

127–132 133–146

Electrochromic materials Roger J. Mortimer

147-156

Index of Titles continued on page 476

J. Gerratt, D. L. Cooper, P. B. Karadakov and M. Raimondi

Index of Titles continued from page 475	157 160
Trends in organic electrosynthesis James Utley	157–168
Reactions of complex metalloproteins studied by protein film voltammetry Fraser A. Armstrong, Hendrik A. Heering and Judy Hirst	169-180
Electrochemistry for a cleaner environment Daniel Simonsson	181-190
New mass spectrometric methods for the study of noncovalent associations of biopolymers Richard D. Smith, James E. Bruce, Qinyuan Wu and Q. Paula Lei	191–202
Some aspects of organic pigments Zhimin Hao and Abul Iqbal	203-214
Microdialysis sampling coupled on-line to microseparation techniques Malonne I. Davies and Craig E. Lunte	215-222
Modern studies of intramolecular vibrational energy redistribution Dean Boyall and Katharine L. Reid	223-232
Microwave chemistry Saskia A. Galema	233-238
Surface scientific aspects in semiconductor electrochemistry H. J. Lewerenz	239-246
Conjugated polymers incorporating pendant functional groups—synthesis and characterisation Simon Higgins	247-258
Rechargeable lithium batteries John R. Owen	259-268
Oxaziridine rearrangements in asymmetric synthesis Jeffrey Aubé	269-278
MELDOLA LECTURE: understanding the properties of urea and thiourea compounds Kenneth D. M. Harris	279-290
Speciation of trace metals in the environment Steve J. Hill	291-298
Developing the physical organic chemistry of Fischer carbene complexes Claude F. Bernasconi	299-308
The synthesis of molecular sieves from non-aqueous solvents Russell E. Morris and Scott J. Weigel	309-318
Laser techniques for chemical analysis Richard Snook	319-326
Selection approaches to catalytic systems Paul A. Brady and Jeremy K. M. Sanders	327–336
The mechanistic and evolutionary basis of stereospecificity for hydrogen transfers in enzyme-catalyzed processes Kevin A. Reynolds and Koren A. Holland	337–344
Pentafluorophenylboranes: from obscurity to applications Warren E. Piers and Tristram Chivers	345-354
Molecular modelling of electron transfer systems by noncovalently linked porphyrin-acceptor pairing Takashi Hayashi and Hisanobu Ogoshi	355–364
Photo-induced electron and energy transfer in non-covalently bonded supramolecular assemblies Michael D. Ward	365-376
Asymmetric synthesis of building-blocks for peptides and peptidomimetics by means of the β -lactam synthon method	
Iwao Ojima and Francette Delaloge	377–386
Approaches to the synthesis of ingenol Sanghee Kim and Jeffrey Winkler	387-400
Hydrogen isotope exchange reactions involving C-H (D,T) bonds Thomas Junk and W. James Catallo	401–406
Enzymes in organic synthesis: recent developments in aldol reactions and glycosylations Shuichi Takayama, Glenn J. McGarvey and Chi-Huey Wong	407-416
Polymer-supported organic reactions: what takes place in the beads? Philip Hodge	417-424
Molecular and chemical basis of prion-related diseases Sheila B. L. Ng and Andrew Doig	425-432
Sandwich-type heteroleptic phthalocyaninato and porphyrinato metal complexes Dennis K. P. Ng and Jianzhuang Jiang	433-442
Ultrasound in synthetic organic chemistry Timothy J. Mason	443-452
Preparation of seven and larger membered heterocycles by electrophilic heteroatom cyclization Gérard Rousseau and Fadi Homsi	453-462
Glycosylation employing bio-systems: from enzymes to whole cells Vladimír Křen and Joachim Thiem	463-474

